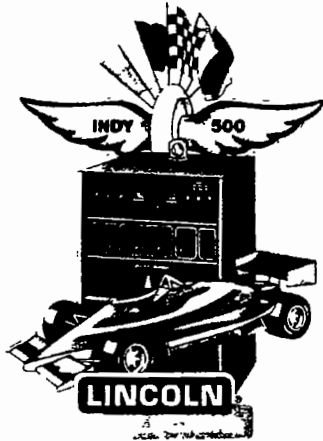




Back to Indy, 1991



INDIANA OXYGEN
 Official Welding Service for the Indianapolis 500

You think your job is hectic? Hang around Garage N-15 during the crazy month of May. N-15 is the weld shop at the Indianapolis Speedway. The shop where all welding must be done—whether on cars or parts—as a strict safety precaution.

Dennis Klingman, Lincoln tech specialist and instructor, and Dave Mate, welding technician, manned the guns. Some of the most difficult and specialized jobs in welding challenged their skills. Titanium-stabilized stainless steel header systems, stainless manifolds and custom-welded fittings, and cast aluminum intake manifolds are examples. Other parts include chrome alloy tubing, magnesium bell housings, chrome-molybdenum starter shafts and brackets, aluminum turbo housings, and parts made from titanium and Inconel.

Indiana Oxygen, the official welding service of the Indy 500, invited the Lincoln crew back for the third year. Dave Upton and Bob Overbeck of IO added their professionalism and experience, making N-15 a high-tech weld facility.

The shop equipment includes Square Wave TIG 350s, Idealarc[®] SP-100s and SP-250s, and Magnum[™] Spool Guns. Dennis Klingman again provided evening welding seminars for beginning and experienced crew-member welders. They updated their TIG welding skills and learned more about base metals and filler metal selection.

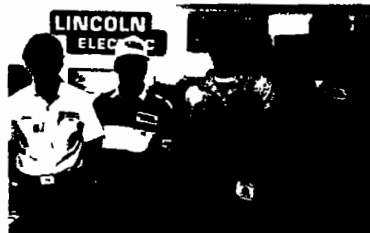
The race itself was the usual mixture of crushing disappointment and high triumph. A close loss has to be just as tough as falling out early. Unfortunately, there can be only one winner. But any of the cars that survive the lengthy, high-speed grind are triumphs of men and technology. All should take pride in their achievements.

A race team mechanic makes repairs with a Lincoln Square Wave TIG 350.



Dennis Klingman, Bill Easton, Team Manager, Bayside Racing (Jeff Andretti driver), and Harry Handlin, Vice President Sales of Lincoln Electric.

Crews of mechanics continuously fine tune their Indy cars



Dave Upton, Indiana Oxygen, Dennis Klingman, Bob Overbeck, IO, and Dave Mate (left to right) at the Indianapolis Speedway weld garage

Driver Stan Fox (left) and chief mechanic Ron Dawes (center), of the Hamelgard-Bird Racing Team, accept The 1991 Perseverance Award from Walls Brant, president of Indiana Oxygen. Though not victorious, the team displayed honor, perseverance and integrity in their efforts. They received a Square Wave 350 set-up from Indiana Oxygen and Lincoln Electric

